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OFFICE OF EXPERIMENT STATIONS

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LIST OF STATION PUBLICATIONS  
Received by the Office of Experiment Stations during  
January 1933

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The post-office address of the station is given at the end of each entry.

- Two diseases of ceas new to Arizona. J. G. Brown and M. M. Evans. (Ariz. Sta. Tech. Bul. 44. 1932.) Tucson.
- Forty-third annual report of the [Arizona Agricultural Experiment Station] for the year ended June 30, 1932. P. S. Burgess et al. [1932.]
- Propagation of pecans. J. E. Bailey and J. G. Woodroof. (Ga. Sta. Bul. 172. 1932.) Experiment.
- Poultry diseases common in Hawaii. C. M. Bice. (Hawaii Sta. Circ. 5. 1932.) Honolulu.
- Supply and marketing of soybeans and soybean products. C. L. Stewart et al. (Ill. Sta. Bul. 386. 1932.) Urbana.
- Producing and marketing good eggs. F. E. Elliott and L. E. Card. (Ill. Sta. Circ. 400. 1933.) Urbana.
- Rural fire waste in Iowa, 1930-31. H. Giese and E. D. Anderson. (Iowa Sta. Bul. 296. 1932.) Ames.
- Factors influencing egg production: III, The association of the date of hatch with date of first egg; sexual maturity and egg production in S. C. White Leghorns. C. W. Knox. (Iowa Sta. Res. Bul. 152. 1932.) Ames.
- Selection for resistance to fowl typhoid in the chicken with reference to its inheritance. W. V. Lambert and C. W. Knox. (Iowa Sta. Res. Bul. 153. 1932.) Ames.
- Cotton root development in certain south Louisiana soils. H. B. Brown, E. C. Simon, and A. K. Smith. (La. Sta. Bul. 232. 1932.) Baton Rouge.
- Review of six seasons' work in Louisiana in controlling the sugar cane moth borer by field colonizations of its egg parasite, Trichogramma minutum Riley. W. E. Hinds, B. A. Osterberger, and A. L. Dugas. (La. Sta. Bul. 235. 1933.) Baton Rouge.
- Potato spraying and dusting experiments 1929 to 1931. R. Bonde. (Me. Sta. Bul. 362. 1932.) Orono.
- Feeding wheat to fattening hogs. B. E. Carmichael. (Md. Sta. Bul. 336. 1932.) College Park.
- Economic efficiency of the farm layout in Maryland. A. B. Hamilton and S. H. DeVault. (Md. Sta. Bul. 338. 1932.) College Park.
- Meteorological observations for September, 1932. C. I. Gunness and H. Jenkins. (Mass. Sta. Met. Bul. 525. 1932.) Amherst.
- Meteorological observations for October, 1932. C. I. Gunness and H. Jenkins. (Mass. Sta. Met. Bul. 526. 1932.) Amherst.
- Meteorological observations for November, 1932. C. I. Gunness and H. Jenkins. (Mass. Sta. Met. Bul. 527. 1932.) Amherst.
- Meteorological observations for December, 1932. C. I. Gunness. (Mass. Sta. Met. Bul. 528. 1932.) Amherst.



Twelfth annual report on eradication of pullorum disease in Massachusetts.

H. Van Roekel et al. (Mass. Sta. Control Ser. Bul. 63. 1932.) Amherst.  
Inspection of commercial feedstuffs. P. H. Smith. (Mass. Sta. Control Ser. Bul. 64. 1932.) Amherst.

Inspection of commercial fertilizers. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 65. 1932.) Amherst.

Motor truck marketing of Michigan fruits and vegetables. G. N. Motts. (Mich. Sta. Spec. Bul. 227, 1932.) East Lansing.

Experimental work on cucumber fermentation. F. W. Fabian, C. S. Bryan, and J. L. Etchells. (Mich. Sta. Tech. Bul. 126. 1932.) East Lansing.

Relation of variations in the human factor to financial returns in farming.

W. W. Wilcox, A. Boss, and G. A. Pond. (Minn. Sta. Bul. 288. 1932.) University Farm, St. Paul.

Methods of supplying electric heat to hotbeds. T. M. Currence. (Minn. Sta. Bul. 289. 1932.) University Farm, St. Paul.

Information concerning inoculation of legumes. C. F. Briscoe. (Miss. Sta. Circ. 95. 1932.) State College.

Agricultural research, its service to the State: Thirty-eighth annual report of the [Montana] Agricultural Experiment Station, July 1, 1930, to June 30, 1931. F. B. Linfield. [1931.] Bozeman.

Truck and rail transportation of Nebraska livestock to the Omaha market. B. S. Wendt and H. Hedges. (Nebr. Sta. Bul. 275. 1932.) Lincoln.

The vitamin A and the vitamin E content of field-cured and artificially cured alfalfa hay. I. L. Hathaway, H. P. Davis, and R. R. Graves. (Nebr. Sta. Res. Bul. 62. 1932.) Lincoln.

The nature of resistance in alfalfa to wilt (Aplanobacter insidiosum L. Mc.).

G. L. Peltier and F. R. Schroeder. (Nebr. Sta. Res. Bul. 63. 1932.) Lincoln.

Factors affecting the performance of kerosene cook stoves. E. B. Snyder. (Nebr. Sta. Res. Bul. 64. 1932.) Lincoln.

Why some hens lay more eggs than others. H. E. Alder. (Nebr. Sta. Circ. 44. 1932.) Lincoln.

Factors affecting the use of nitrate and ammonium nitrogen by apple trees.

V. A. Tiedjens and M. A. Blake. (N. J. Stas. Bul. 547. 1932.) New Brunswick.

Analyses of commercial fertilizers, fertilizer supplies and home mixtures for 1932. C. S. Cathcart. (N. J. Stas. Bul. 549. 1932.) New Brunswick.

Some poisonous plants of New Jersey. J. G. Fiske. (N. J. Stas. Circ. 261. 1932.) New Brunswick.

Facts about 36 varieties of peaches. M. A. Blake. (N. J. Stas. Circ. 262. 1932.) New Brunswick.

Winter feeding of dairy heifers. C. B. Bender and J. W. Bartlett. (N. J. Stas. Circ. 263. 1932.) New Brunswick.

Soils in relation to fruit growing in New York: Part I, A detailed soil survey of the Hilton area, Monroe County. A. T. Sweet and J. Oskamp. (N. Y. Cornell Sta. Bul. 541. 1932.) Ithaca.

Cooperative purchasing and marketing organizations in New York State. F. A. Harper. (N. Y. Cornell Sta. Bul. 544. 1932.) Ithaca.

The marketing of milk thru ice cream. M. C. Bond. (N. Y. Cornell Sta. Bul. 546. 1932.) Ithaca.

An analysis of the loaning operations of the Federal Land Bank of Springfield from its organization in March, 1917, to May 31, 1929. F. F. Hill. (N. Y. Cornell Sta. Bul. 549. 1932.) Ithaca.



- Soils in relation to fruit growing in New York: Part II. Size, production and rooting habit of apple trees on different soil types in the Hilton and Morton areas, Monroe County. J. Oskamp and L. P. Batjer. (N. Y. Cornell Sta. Bul. 550. 1932.) Ithaca.
- New York State College of Agriculture...Cornell University Agricultural Experiment Station, forty-fifth annual report, 1932. C. Betten et al. 1933. Ithaca.
- Red oxide of copper as a dust fungicide for combating damping-off by seed treatment. J. G. Horsfall. (N. Y. State Sta. Bul. 615. 1932.) Geneva.
- Weed seeds found in vegetable seeds. O. M. Hoefle. (N. Y. State Sta. Bul. 616. 1932.) Geneva.
- Experiments in cherry pollination. O. Einset. (N. Y. State Sta. Bul. 617. 1932.) Geneva.
- Mastitis: II, The use of certain dyes in the treatment of mastitis. G. J. Hucker and D. A. Lee. (N. Y. State Sta. Tech. Bul. 205. 1932.) Geneva.
- Fifty-first annual report [New York State Agricultural Experiment Station] for the fiscal year ended June 30, 1932. U. P. Hedrick. 1933. Geneva.
- Pregnancy disease of sheep. L. M. Roderick and G. S. Harshfield. (N. Dak. Sta. Bul. 261. 1932.) State College Station, Fargo.
- Carload shipments of livestock from North Dakota farms. A. H. Benton. (N. Dak. Sta. Bul. 262. 1933.) State College Station, Fargo.
- Fifty-first annual report of the Ohio Agricultural Experiment Station for the year ended June 30, 1932. C. G. Williams. (Ohio Sta. Bul. 516. 1933.) Wooster.
- Solving Oklahoma farm problems: Report of Oklahoma A. and M. College Agricultural Experiment Station for July 1, 1930, to June 30, 1932. C. P. Blackwell et al. 1932. Stillwater.
- A farm management survey of Tioga County, Pennsylvania. J. E. McCord. (Pa. Sta. Bul. 282. 1932.) State College.
- South Carolina agriculture, a statistical report. (S. C. Sta. Statistical Bul. 1. 1931.) Clemson College.
- Forty-fifth annual report of the South Carolina Experiment Station of Clemson Agricultural College for the year ended June 30, 1932. H. W. Barre et al. 1932. Clemson College.
- Annual report of the Director [South Dakota Agricultural Experiment Station] for the fiscal year ending June 30, 1932. J. W. Wilson et al. [1932.] Brookings.
- Probability tables for Mendelian ratios with small numbers. B. L. Warwick. (Tex. Sta. Bul. 463.- 1932.) College Station.
- Control of the bitterweed plant poisonous to sheep in the Edwards Plateau region. S. E. Jones, W. H. Hill, and T. A. Bond. (Tex. Sta. Bul. 464. 1932.) College Station.
- Fattening lambs on corn, milo, hegari, wheat and oats, with cottonseed cake and alfalfa. A. K. Mackey and J. M. Jones. (Tex. Sta. Bul. 465. 1932.) College Station.
- Fig culture in the Gulf Coast region of Texas. R. H. Stansel and R. H. Wyche. (Tex. Sta. Bul. 466. 1933.) College Station.
- The quantities of vitamin A required by pullets for maintenance and for egg production. R. M. Sherwood and G. S. Fraps. (Tex. Sta. Bul. 468. 1932.) College Station.
- Creep-feeding range calves, progress report. J. M. Jones and J. N. Jones. (Tex. Sta. Bul. 470. 1932.) College Station.
- Lamb-fattening experiments in Utah. E. J. Maynard, A. C. Esplin and S. R. Boswell. Utah Sta. Bul. 238. 1932.) Logan.



Effect of feed, water, and shelter upon fleeces of Utah ewes. A. C. Esplin.

(Utah Sta. Bul. 240. 1932.) Logan.

Drainage of land overlying an artesian ground-water reservoir, progress report.

O. W. Israelsen and W. W. McLaughlin. (Utah Sta. Bul. 242. 1932.) Logan.

The feeding value of artificially dried young grass. J. A. Newlander. (Vt. Sta.

Bul. 350. 1933.) Burlington.

Forty-second annual report for the fiscal year ended June 30, 1932. E. C. Johnson

et al. (Wash. Col. Sta. Bul. 275. 1932.) Pullman.

Electricity on the poultry farm. L. J. Smith and H. L. Garver. (Wash. Col. Sta.

Pop. Bul. 148. 1932.) Pullman.

Report of the West Virginia Agricultural Experiment Station for the biennium end-

ing June 30, 1932. (W. Va. Sta. Bul. 254. 1932.) Morgantown.

Fattening lambs in sugar beet districts. W. L. Quayle. (Wyo. Sta. Bul. 191.

1932.) Laramie.

Growing trees in northeastern Wyoming. P. K. Thompson. (Wyo. Sta. Bul. 192.

1932.) Laramie.

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LIST OF STATION PUBLICATIONS  
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The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The post-office address of the station is given at the end of each entry.

- Report of the Alaska Agricultural Experiment Stations, 1931, 1932. H. W. Alberts et al. 1933. College.
- The composition of canning tomatoes. L. G. Saywell and W. V. Cruess. (Calif. Sta. Bul. 545. 1932.) Berkeley.
- Chemical control of the garden centipede, Scutigera immaculata. A. E. Michelbacher. (Calif. Sta. Bul. 548. 1932.) Berkeley.
- The economic significance of tree size in western Sierra lumbering. M. R. Brundage, M. E. Krueger and D. Dunning. (Calif. Sta. Bul. 549. 1933.) Berkeley.
- The Babcock peach. G. P. Weldon and J. W. Lesley. (Calif. Sta. Circ. 328. 1933.) Berkeley.
- Serving California agriculture: Report of the Agricultural Experiment Station and the College of Agriculture of the University of California, July 1, 1931, to June 30, 1932. C. B. Hutchison. 1932. Berkeley.
- State and local tax revision in Colorado. G. S. Klemmedson. (Colo. Sta. Bul. 398. 1932.) Fort Collins.
- The effect of a lethal in the heterozygous condition on barley development. D. W. Robertson. (Colo. Sta. Tech. Bul. 1. 1932.) Fort Collins.
- Pullorum disease of domestic fowl, a monograph. L. F. Rettger and W. N. Plastring. (Conn. Storrs Sta. Bul. 178. 1932.) Storrs.
- The effect of irradiating eggs with ultra-violet light upon the development of chicken embryos, experiments with frizzle and creeper fowl. W. Landauer. (Conn. Storrs Sta. Bul. 179. 1932.) Storrs.
- Annual report of the Director for the fiscal year ending June 30, 1932. C. A. McCue et al. (Del. Sta. Bul. 179. 1932.) Newark.
- The problem of mosquito control in Delaware. L. A. Sterns, D. MacCreary, and N. P. Newhouse. (Del. Sta. Bul. 181. 1933.) Newark.
- Grading, packing and stowing Florida produce. M. R. Ensign. (Fla. Sta. Bul. 254. 1932.) Gainesville.
- Twelfth annual report, 1931. S. H. Starr. (Ga. Coastal Plain Sta. Bul. 19. 1932.) Tifton.
- A review of the accuracy and timeliness of outlook statements. C. O. Youngstrom. (Idaho Sta. Circ. 62. 1932.) Moscow.
- Electric soil and hotbed heating. H. Beresford. (Idaho Sta. Circ. 68. 1932.) Moscow.
- Shrinkage of hogs from farm to market by truck and by rail. R. C. Ashby. (Ill. Sta. Bul. 388. 1933.) Urbana.
- Microscopic diagnosis of parasitism in domestic animals. (Ill. Sta. Circ. 401. 1933.) Urbana.
- Agricultural outlook for Illinois, 1933. (Ill. Sta. Circ. 402. 1933.) Urbana.
- Incubator hygiene in the control of pullorum disease. R. Graham and V. M. Michael. (Ill. Sta. Circ. 403. 1933.) Urbana.
- Spinach, early and late. J. W. Lloyd. (Ill. Sta. Circ. 404. 1933.) Urbana.



- Normal growth in dairy cattle. D. L. Espe, C. Y. Cannon, and E. N. Hansen. (Iowa Sta. Res. Bul. 154. 1932.) Ames.
- The relationship of acetylmethylcarbinol and diacetyl to butter cultures. M. B. Michaelian, R. S. Farmer, and B. W. Hammer. (Iowa Sta. Res. Bul. 155. 1933.) Ames.
- An economic analysis of farm mortgages in Story County, Iowa, 1854-1931. W. G. Murray. (Iowa Sta. Res. Bul. 156. 1933.) Ames.
- The agricultural emergency in Iowa: I, The situation today. A. G. Black. (Iowa Sta. Circ. 139. 1932.) Ames.
- The agricultural emergency in Iowa: II, The causes of the emergency. G. Shepherd. (Iowa Sta. Circ. 140. 1932.) Ames.
- The agricultural emergency in Iowa: III, The voluntary domestic allotment plan. T. W. Schultz and A. G. Black. (Iowa Sta. Circ. 141. 1932.) Ames.
- The agricultural emergency in Iowa: IV, Iowa farm mortgage situation. W. G. Murray and R. C. Bentley. (Iowa Sta. Circ. 142. 1933.) Ames.
- The agricultural emergency in Iowa: V, Control of the general price level. C. Shepherd and W. Wright. (Iowa Sta. Circ. 143. 1933.) Ames.
- The agricultural emergency in Iowa: VI, The Iowa tax situation, an analysis for farmers. J. A. Hopkins, jr. (Iowa Sta. Circ. 144. 1933.) Ames.
- Swine performance record, litter comparisons, series III. C. C. Culbertson et al. (Iowa Sta. Leaflet 30. 1933.) Ames.
- Report of agricultural research for the year ending June 30, 1932, [Iowa] Agricultural Experiment Station. C. F. Curtiss et al. 1932. Ames.
- Analyses of commercial fertilizer. H. E. Curtis, H. R. Allen, and L. Gault. (Ky. Sta. Bul. 325. 1931.) Lexington.
- Infections of fetuses and foals. W. W. Dimock and P. R. Edwards. (Ky. Sta. Bul. 333. 1932.) Lexington.
- The comparative effect of muriate and sulfate of potash on the composition and quality of White Burley tobacco. P. E. Karraker. (Ky. Sta. Bul. 334. 1932.) Lexington.
- Commercial feeding stuffs, 1931-32. J. M. Bartlett. (Me. Sta. Off. Insp. 144. 1932.) Orono.
- Commercial fertilizers, 1932. J. M. Bartlett. (Me. Sta. Off. Insp. 145. 1932.) Orono.
- Organization and management of Maryland farms, Piedmont Plateau region. S. H. DeVault and R. Hurley. (Md. Sta. Bul. 337. 1932.) College Park.
- Hereditary and environmental factors affecting variability in egg production. F. A. Hays. (Mass. Sta. Bul. 289. 1932.) Amherst.
- The story of Field A of the Massachusetts Agricultural Experiment Station, a review of experiments with nitrogen fertilizers. F. W. Morse. (Mass. Sta. Bul. 290. 1932.) Amherst.
- Meteorological observations for January, 1933. C. I. Gunness. (Mass. Sta. Met. Bul. 529. 1933.) Amherst.
- Anatomy of Phaseolus vulgaris L. var. Black Valentine. M. T. Doult. (Mich. Sta. Tech. Bul. 128. 1932.) East Lansing.
- Studies on the biological decomposition of peat. R. M. Snyder and Z. N. Wyant. (Mich. Sta. Tech. Bul. 129. 1932.) East Lansing.
- Field studies of bud sports in Michigan tree fruits. B. D. Drain. (Mich. Sta. Tech. Bul. 130. 1932.) East Lansing.
- The Orthoptera of Minnesota. M. Hebard. (Minn. Sta. Tech. Bul. 85. 1932.) University Farm, St. Paul.
- Factors causing cull apples in Missouri. G. C. Schowengerdt and D. C. West. (Mo. Sta. Bul. 319. 1932.) Columbia.

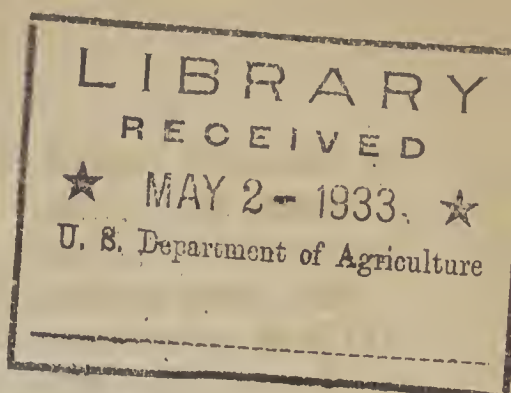


- The influence of systems of cropping and methods of culture on surface runoff and soil erosion. M. F. Miller and H. H. Krusekopf. (Mo. Sta. Res. Bul. 177. 1932.) Columbia.
- The effect of ultra-violet rays on the dermatitis preventing vitamin. A. G. Hogan and L. R. Richardson. (Mo. Sta. Res. Bul. 178. 1932.) Columbia.
- Growth and development, with special reference to domestic animals: XXV, The course of energy and nitrogen metabolism in the domestic fowl during 48-day fasts, with special reference to temperament and training of the birds. V. W. Phillips, U. S. Ashworth, and S. Brody.--Notes on 60-day fasts in swine. S. R. Johnson. (Mo. Sta. Res. Bul. 179. 1932.) Columbia.
- Feeding tests and carcass studies with early spring lambs and aged western ewes. A. D. Weber and W. J. Loeffel. (Nebr. Sta. Bul. 276. 1932.) Lincoln.
- The identification of the more important prairie hay grasses of Nebraska by their vegetative characters. F. D. Keim, G. W. Beadle, and A. L. Frolik. (Nebr. Sta. Res. Bul. 65. 1932.) Lincoln.
- The effect of certain mineral elements on the color and thickness of onion scales. J. E. Knott. (N. Y. Cornell Sta. Bul. 552. 1933.) Ithaca.
- The value of crop rotation in the Coastal Plain area. R. H. Rogers and H. B. Mann. (N. C. Sta. Bul. 280. 1933.) State College Station, Raleigh.
- Approved practices for peanut growers. B. F. Fulton, P. H. Kine, S. G. Lehman, and H. B. Mann. (N. C. Sta. Bul. 281. 1933.) State College Station, Raleigh.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 18, No. 1. Jan.-Feb. 1933.) Wooster.
- Rural electrification in Oklahoma, a study of consumption and costs. E. R. Miller. (Okla. Sta. Bul. 207. 1932.) Stillwater.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 6, No. 1. 1933.) Stillwater.
- Oil spray recommendations. R. H. Robinson and L. Childs. (Oreg. Sta. Circ. 107. 1933.) Corvallis.
- Report of the Puerto Rico Agricultural Experiment Station, 1932. T. B. McClelland et al. 1933. Mayaguez.
- Inspection of feeds. W. L. Adams and A. S. Knowles, jr. (R. I. Sta. Ann. Feed Circ. 1932.) Kingston.
- Inspection of fertilizers. W. L. Adams and A. S. Knowles, jr. (R. I. Sta. Ann. Fert. Circ. 1932.) Kingston.
- The qualitative nature of rural depopulation in Santuc Township, South Carolina, 1900-1930. W. Gee. (S. C. Sta. Bul. 287. 1933.) Clemson College.
- Fertilizer experiments with cotton. E. B. Reynolds et al. (Tex. Sta. Bul. 469. 1932.) College Station.
- Alfalfa production under irrigation in western Texas. J. J. Bayles. (Tex. Sta. Bul. 472. 1932.) College Station.
- Sorghum silage as a source of vitamin A for dairy cows. O. C. Copeland and G. S. Fraps. (Tex. Sta. Bul. 473. 1932.) College Station.
- The effect of fertilizers, crop rotation and weather conditions on the anchorage of corn plants. N. A. Pettinger. (Va. Sta. Tech. Bul. 46. 1933.) Blacksburg.
- Forty-second annual report of the University of Wyoming Agricultural Experiment Station, 1931-1932. J. A. Hill. 1932. Laramie.





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- Diseases of peas in Arizona. J. G. Brown and M. M. Evans. (Ariz. Sta. Bul. 142. 1933.) Tucson.
- Experimental production of mottled enamel. M. C. Smith and E. M. Lantz. (Ariz. Sta. Tech. Bul. 45. 1933.) Tucson.
- Physiological factors affecting the fruiting of cotton, with special reference to boll shedding. R. S. Hawkins, R. L. Matlock, and C. Hobart. (Ariz. Sta. Tech. Bul. 46. 1933.) Tucson.
- Tests of farm organization in the Turlock area. R. L. Adams and L. A. Crawford. (Calif. Sta. Bul. 544. 1932.) Berkeley.
- The effect of current interruption in electrical incubation. L. W. Taylor, C. A. Gunns, and B. D. Moses. (Calif. Sta. Bul. 550. 1933.) Berkeley.
- Comparison of methods for estimating available phosphorus in alkaline calcareous soils. R. D. Hockensmith, R. Gardner, and J. Goodwin. (Colo. Sta. Tech. Bul. 2. 1933.) Fort Collins.
- Fattening range lambs in Idaho. E. F. Rinehart, C. W. Hickman, and R. F. Johnson. (Idaho Sta. Bul. 194. 1932.) Moscow.
- A method of determining what to produce, budgeting the farm program on the Twin Falls Irrigation Project. B. Hunter and P. A. Eke. (Idaho Sta. Bul. 195. 1932.) Moscow.
- Prune maturity and storage. L. R. Tucker and L. Verner. (Idaho Sta. Bul. 196. 1932.) Moscow.
- Publications available for free distribution. (Idaho Sta. Circ. 69. 1932.) Moscow.
- V-belt drives for farm motors and equipment. H. Beresford. (Idaho Sta. Circ. 70. 1932.) Moscow.
- Growing and marketing muskmelons. J. W. Lloyd. (Ill. Sta. Circ. 405. 1933.) Urbana.
- Some factors affecting mechanical refrigeration for dairy farms. T. E. Hienton and E. H. Parfitt. (Ind. Sta. Bul. 363. 1932.) LaFayette.
- Variation in local marketing procedure for grain, hay, livestock and feed in northwestern Indiana. L. Robertson and E. R. Bonham. (Ind. Sta. Bul. 364. 1932.) LaFayette.
- Changes in farming in Lake and Porter Counties, Indiana, as a result of nearness to industrial cities. L. Robertson. (Ind. Sta. Bul. 365. 1932.) LaFayette.
- The response of greenhouse crops to electric light supplementing daylight. L. Greene, R. B. Withrow, and M. W. Richman. (Ind. Sta. Bul. 366. 1932.) LaFayette.
- Experiments with electric water heaters for poultry. T. E. Hienton and C. W. Carrick. (Ind. Sta. Bul. 367. 1932.) LaFayette.
- Cream grading on the four day delivery plan in Indiana. V. C. Manhart. (Ind. Sta. Circ. 193. 1932.) LaFayette.



- Eighteenth annual report of the Creamery License Division for the year ending March 31, 1932. T. H. Binney. (Ind. Sta. Circ. 194. 1932.) LaFayette.
- Forty-fifth annual report of the [Indiana] Agricultural Experiment Station for the year ending June 30, 1932. J. H. Skinner and H. J. Reed. [1932.] LaFayette
- Tillage practices for southwestern Kansas. R. L. Von Trebra and F. A. Wagner. (Kans. Sta. Bul. 262. 1932.) Manhattan.
- The codling moth in southern Kansas and recommendations for its control. P. M. Gilmer and R. L. Parker. (Kans. Sta. Bul. 263. 1932.) Manhattan.
- Spraying fruit plants. W. F. Pickett and G. A. Filingier. (Kans. Sta. Circ. 169. 1932.) Manhattan.
- Sixth biennial report of the director [Kansas Agricultural Experiment Station] for the biennium July 1, 1930, to June 30, 1932. L. E. Call et al. [1932.] Manhattan.
- Factors in the organization and successful operation of Louisiana rice farms, 1930. R. J. Saville. (La. Stas. Bul. 233. 1933.) Baton Rouge.
- Farm trade centers in Louisiana 1901 to 1931. T. L. Smith. (La. Stas. Bul. 234. 1933.) Baton Rouge.
- Two systems of feeding dairy cows: High roughage and low grain versus low roughage and high grain. J. B. Lindsey and J. G. Archibald. (Mass. Sta. Bul. 291. 1932. Amherst.
- Carbon disulfide emulsion for the control of the root-knot nematode. E. F. Guba. (Mass. Sta. Bul. 292. 1932.) Amherst.
- Meteorological observations for February 1933. C. I. Gunness and H. Jenkins. (Mass. Sta. Met. Bul. 530. 1933.) Amherst.
- Inspection of agricultural lime products. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 66. 1932.) Amherst.
- The rock garden. C. P. Halligan. (Mich. Sta. Spec. Bul. 228. 1933.) East Lansing.
- Rural school organization in Michigan. F. M. Thrun. (Mich. Sta. Spec. Bul. 229. 1933.) East Lansing.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul., vol. 15, No. 3. 1933.) East Lansing.
- Filling silos with the field ensilage harvester. A. J. Schwantes and J. B. Torrance (Minn. Sta. Bul. 290. 1932.) University Farm, St. Paul.
- Crop investigations on sandy lands. H. K. Hayes et al. (Minn. Sta. Bul. 291. 1932.) University Farm, St. Paul.
- Crop investigations on peat lands. H. K. Hayes et al. (Minn. Sta. Bul. 292. 1932.) University Farm, St. Paul.
- Farm mortgage foreclosures in Minnesota. E. C. Johnson. (Minn. Sta. Bul. 293. 1932.) University Farm, St. Paul.
- The blood picture of pigs kept under conditions favorable to the production and to the prevention of so-called "anemia of suckling pigs." H. C. H. Kernkamp. (Minn. Sta. Tech. Bul. 86. 1932.) University Farm, St. Paul.
- Fortieth annual report, Minnesota Agricultural Experiment Station, July 1, 1931, to June 30, 1932. A. Boss. [1932.] University Farm, St. Paul.
- The sorghum worm in Missouri. L. Haseman. (Mo. Sta. Bul. 320. 1933.) Columbia.
- The codling moth and its control. L. Haseman. (Mo. Sta. Circ. 169. 1933.) Columbia.
- The Rocky Mountain wood tick. R. A. Cooley. (Mont. Sta. Bul. 268. 1932.) Bozeman.
- Montana insect pests for 1931 and 1932, the twenty-fourth report of the State entomologist of Montana. A. L. Strand. (Mont. Sta. Bul. 269. 1932.) Bozeman.
- Eight years' work by the Montana Grain Inspection Laboratory, July 1, 1923, to June 30, 1931. C. McKee et al. (Mont. Sta. Bul. 270. 1933.) Bozeman.



- Annual report of the Board of Control [Nevada Agricultural Experiment Station] for the fiscal year ending June 30, 1932. 1932. Reno.
- Analyses of commercial fertilizers and ground bone; analyses of agricultural lime, 1932. C. S. Cathcart. (N. J. Stas. Bul. 551. 1933.) New Brunswick.
- Clothes moths and carpet beetles. T. J. Headlee. (N. J. Stas. Circ. 264. 1933.) New Brunswick.
- House ants. T. J. Headlee. (N. J. Stas. Circ. 265. 1933.) New Brunswick.
- Commercial fertilizers and soil acidity. A. W. Blair. (N. J. Stas. Circ. 266. 1933.) New Brunswick.
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- Results of five years' fertilizer experiments with Irish potatoes in eastern North Carolina. C. B. Williams, H. B. Mann, and J. J. Skinner. (N. C. Sta. Bul. 283. 1933.) State College Station, Raleigh.
- The chemical composition and nutritive properties of milk as affected by the level of protein feeding: Part I, Chemical composition. A. E. Perkins.--Part II, Nutritive properties. W. E. Krauss and C. C. Hayden. (Ohio Sta. Bul. 515. 1932.) Wooster.
- A survey of Ohio orchard soils relative to phosphorus distribution and acidity. J. H. Gourley and R. M. Smock. (Ohio Sta. Bul. 517. 1933.) Wooster.
- Studies on the nutritive value of milk: II, The effect of pasteurization on some of the nutritive properties of milk. W. E. Krauss, J. H. Erb, and R. G. Washburn. (Ohio Sta. Bul. 518. 1933.) Wooster.
- A study of the ash constituents of apple fruits during the growing season. E. F. Hopkins and J. H. Gourley. (Ohio Sta. Bul. 519. 1933.) Wooster.
- The use of formaldehyde dust in growing seedlings. J. D. Wilson and P. E. Tilford. (Ohio Sta. Bul. 520. 1933.) Wooster.
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- Mineral feeds. J. R. Haag. (Oreg. Sta. Bul. 309. 1933.) Corvallis.
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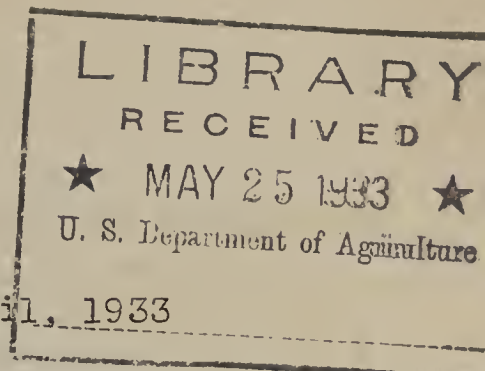
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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during April, 1933

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The post-office address of the station is given at the end of each entry.

- Pecan rosette, soil, chemical and physiological studies. A. H. Finch and A. F. Kinnison. (Ariz. Sta. Tech. Bul. 47. 1933.) Tucson.
- Supply, demand and prices of California peaches. H. R. Wellman. Calif. Sta. Bul. 547. 1932.) Berkeley.
- The alfalfa weevil in Colorado. J. H. Newton. (Colo. Sta. Bul. 399. 1933). Fort Collins.
- Plant pest handbook for Connecticut: I, Insects. W. E. Britton. (Conn. State Sta. Bul. 344. 1933.) New Haven.
- Dedication of Jenkins Laboratory, October 11, 1932. (Conn. State Sta. Bul. 345. 1933.) New Haven.
- The composition of some commercial insecticides, fungicides, bactericides, rodenticides and weed killers, a compilation (supplement to Bul. 300). H. J. Fisher and E. M. Bailey. (Conn. State Sta. Bul. 346. 1933.) New Haven.
- Report of the Director for the year ending October 31, 1932. W. L. Slate. (Conn. State Sta. Bul. 347. 1933.) New Haven.
- Soybeans for silage. R. B. Becker et al. (Fla. Sta. Bul. 255. 1932.) Gainesville.
- Some diseases of cabbage and other crucifers in Florida. G. F. Weber. (Fla. Sta. Bul. 256. 1932.) Gainesville.
- Annual report [Florida] Agricultural Experiment Station for the fiscal year ending June 30, 1932. W. Newell et al. 1932. Gainesville.
- Some effects of chlorophyll in the diet of the albino rat. F. R. Edwards and K. T. Holley. (Ga. Sta. Bul. 173. 1932.) Experiment.
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- Studies in Indiana farm woods: I, The natural regeneration of farm woods following the exclusion of livestock. R. K. Day and D. DenUyl. (Ind. Sta. Bul. 368. 1932.) LaFayette.
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- Recreational and forestry uses of land in Massachusetts. D. Rozman. (Mass. Sta. Bul. 294. 1933.) Amherst.
- Meteorological observations for March 1933. C. I. Guinness. (Mass. Sta. Met. Bul. 531. 1933.) Amherst.



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- Soil testing, a practical system of soil diagnosis. C. H. Spurway. (Mich. Sta. Tech. Bul. 132. 1933.) East Lansing.
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- Success and failure in spraying for scab and codling moth. G. L. Ricks and W. Toenjes. (Mich. Sta. Spec. Bul. 230. 1933.) East Lansing.
- Diseases affecting moose. R. Fenstermacher and W. L. Jellison. (Minn. Sta. Bul. 294. 1933.) University Farm, St. Paul.
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- Growth and development, with special reference to domestic animals, XXVI. W. C. Hall and S. Brody. (Mo. Sta. Res. Bul. 180. 1933.) Columbia.
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- Rapidly growing succulent branches on young apple trees tend to form narrow crotch angles with the trunk. M. A. Blake. (N. J. Stas. Circ. 270. 1933.) New Brunswick.
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- Pyrethrum, its value in exterminating insects. J. M. Ginsburg. (N. J. Stas. Circ. 272. 1933.) New Brunswick.
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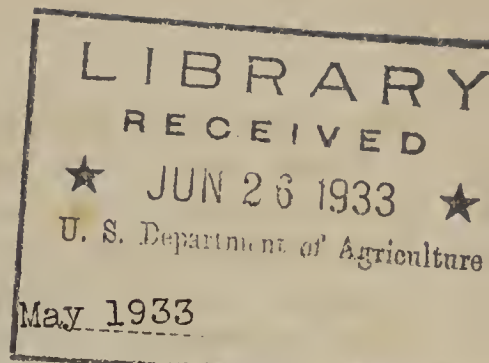


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- South Dakota town-country trade relations 1901-1931. P. H. Landis. (S. Dak. Sta. Bul. 274. 1932.) Brookings.
- Tractor and horse power in the wheat area of South Dakota. C. M. Hampson and P. Christophersen. (S. Dak. Sta. Circ. 6. 1932.) Brookings.
- The relation of body shape of feeder steers to rate of gain, to dressing percent, and to value of dressed carcass. J. L. Lush. (Tex. Sta. Bul. 471. 1932.) College Station.
- The effect of sunlight and other factors on the strength and color of cotton fabrics. M. A. Grimes. (Tex. Sta. Bul. 474. 1933.) College Station.
- Citrus orchard management in the Lower Rio Grande Valley. W. H. Friend.--  
Insect pests of citrus and their control. S. W. Clark. (Tex. Sta. Circ. 67. 1933.) College Station.
- Growing raspberries in West Virginia. H. E. Knowlton and C. R. Orton. (W. Va. Sta. Circ. 61. 1933.) Morgantown.
- Pollination of fruit trees in West Virginia. H. E. Knowlton. (W. Va. Sta. Circ. 62. 1933.) Morgantown.
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UNITED STATES DEPARTMENT OF AGRICULTURE  
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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during May 1933

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- Field observations on the beet leafhopper, Eutettix tenellus, in California.  
H. H. P. Severin. (Hilgardia [Calif. Sta.], vol. 7, no. 8. 1933.) Berkeley.
- The use of arsenical compounds in the control of deep-rooted perennial weeds.  
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- Reproduction without males in aseptic root cultures of the root-knot nematode; development of the root-knot nematode as affected by temperature. J. Tyler. (Hilgardia [Calif. Sta.], vol. 7, No. 10. 1933.) Berkeley.
- A comparison of Aonidiella aurantii and Aonidiella citrina, including a study of the internal anatomy of the latter. R. G. Nel. (Hilgardia [Calif. Sta.], vol. 7, No. 11. 1933.) Berkeley.
- The birch leaf-mining sawfly (Fenusa pumila Klug) R. B. Friend. (Conn. State Sta. Bul. 348. 1933.) New Haven.
- Connecticut State entomologist, thirty-second report, 1932. W. E. Britton. (Conn. State Sta. Bul. 349. 1933.) New Haven.
- An economic study of the agriculture of the Connecticut Valley: 5, Factors affecting the prices and acreages of cigar tobacco in the United States. H. B. Boyd. (Conn. Storrs Sta. Bul. 180. 1932.) Storrs.
- Report of the director for the year ending June 30, 1932. W. L. Slate. (Conn. Storrs Sta. Bul. 181. 1932.) Storrs.
- Cabbage characters and their heredity. L. R. Detjen and C. A. McCue. (Del. Sta. Bul. 180. 1933.) Newark.
- The pollination of avocados. A. B. Stout. (Fla. Sta. Bul. 257. 1933.) Gainesville.
- Farm prices of cotton related to its grade and staple length in Georgia, seasons 1929-30 and 1930-31. L. D. Howell and W. T. Fullilove. (Ga. Sta. Bul. 174. 1933.) Experiment.
- Grafting tropical fruit trees in Hawaii. W. T. Pope and W. B. Storey. (Hawaii Sta. Circ. 6. 1933.) Honolulu.
- Certain biological factors related to tallowiness in milk and cream. P. H. Tracy, R. J. Ramsey, and H. A. Ruehe. (Ill. Sta. Bul. 389. 1933.) Urbana.
- Clothing construction. M. C. Whitlock. (Ill. Sta. Circ. 407. 1933.) Urbana.
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- Wind electric plants. E. G. McKibben and J. B. Davidson. (Iowa Sta. Bul. 297. 1933.) Ames.
- Effects of inoculation and liming on soybeans grown on the Grundy silt loam. R. H. Walker and P. E. Brown. (Iowa Sta. Bul. 298. 1933.) Ames.
- Corn preparation with alfalfa and silage for fattening lambs. J. M. Evvard, P. S. Shearer, C. C. Culbertson, and Q. W. Wallace. (Iowa Sta. Bul. 299. 1933.) Ames.



- The agar disc method for studying the contamination from metal surfaces. H. C. Olson and B. W. Hammar. (Iowa Sta. Bul. 300. 1933.) Ames.
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- The production of gum by certain species of Rhizobium. D. A. Anderson. (Iowa Sta. Res. Bul. 158. 1933.) Ames.
- The agricultural emergency in Iowa: VII, Monetary inflation. G. Shepherd and W. Wright. (Iowa Sta. Circ. 145. 1933.) Ames.
- The agricultural emergency in Iowa: VIII, How tariffs affect farm prices. T. W. Schultz. (Iowa Sta. Circ. 146. 1933.) Ames.
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- Wheat as a fattening feed for cattle. A. D. Weber and W. E. Connell. (Kans. Sta. Bul. 261. 1932.) Manhattan.
- The quality of wheat as affected by farm storage. C. O. Swanson and F. C. Fenton. (Kans Sta. Tech. Bul. 33. 1932.) Manhattan.
- The effect of inadequate rations on the production and hatchability of eggs. L. F. Payne and J. S. Hughes. (Kans. Sta. Tech. Bul. 34. 1933.) Manhattan.
- Growing combine grain sorghums. L. C. Aicher. (Kans. Sta. Circ. 170. 1933.) Manhattan.
- Is there a filterable virus of abortion in mares? (Ky. Sta. Supplement to Bul. 333. 1933.) Lexington.
- The pH of fresh and storage eggs. S. E. Erikson et al. (Ky. Sta. Bul. 335. 1932.) Lexington.
- Codliver oil for laying pullets. J. H. Martin and W. M. Insko, jr. (Ky. Sta. Bul. 337. 1933.) Lexington.
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- Housing conditions in relation to farm labor turnover, a study of 1090 farm houses in five counties in Maryland. M. Coffin. (Md. Sta. Bul. 341. 1932.) College Park.
- Fish meal versus cottonseed meal as a feed for dairy cows. L. W. Ingham. (Md. Sta. Bul. 342. 1932.) College Park.
- Maryland seed laws and regulations. F. S. Holmes. (Md. Sta. Bul. 343. 1933.) College Park.
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- Meteorological observations for April 1933. C. I. Gunness. (Mass. Sta. Met. Bul. 532. 1933.) Amherst.
- Seed inspection. F. A. McLaughlin and M. E. Nagle. (Mass. Sta. Control Ser. Bul. 67. 1933.) Amherst.
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- A study of diseases of canning crops (peas and corn) in Minnesota. G. H. Starr. (Minn. Sta. Tech. Bul. 89. 1932.) University Farm, St. Paul.
- Preliminary report on some Minnesota lakes and their productiveness of fish food. M. S. Johnson. (Minn. Sta. Tech. Bul. 90. 1933.) University Farm, St. Paul.
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- Sandiness in nut ice creams. W. H. E. Reid and M. E. Powell. (Mo. Sta. Res. Bul. 181. 1933.) Columbia.
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- Soil management experiments with vegetables. H. O. Werner. (Nebr. Sta. Bul. 278. 1933.) Lincoln.
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- Classification of 135 varieties and species of peaches and nectarines on basis of fruit bud set at New Brunswick. M. A. Blake. (N. J. Stas. Circ. 274. 1933.) New Brunswick.
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- Studies of potato storage. O. Smith. (N. Y. Cornell Sta. Bul. 553. 1933.) Ithaca.
- Relation of hydrogen-ion concentration to the growth of onions. A. L. Wilson. (N. Y. Cornell Sta. Mem. 145. 1932.) Ithaca.
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- New or noteworthy fruits, XI. G. H. Howe. (N. Y. State Sta. Bul. 620. 1933.) Geneva.
- Abnormal enlargement of peas from plants affected with root-rot. J. G. Horsfall and Z. I. Kertesz. (N. Y. State Sta. Bul. 621. 1933.) Geneva.
- Some carbohydrate changes in shelled green peas. Z. I. Kertesz. (N. Y. State Sta. Bul. 622. 1933.) Geneva.
- Experiments with commercial nitrogenous fertilizers on apple orchards. J. D. Harlan and R. C. Collison. (N. Y. State Sta. Bul. 623. 1933.) Geneva.
- Evaluation of applications of lime-sulfur for the control of apple scab. W. O. Gloyer. (N. Y. State Sta. Bul. 624. 1933.) Geneva.
- Raspberry growing in New York State: Cultural practices and disease control. G. L. Slate and W. H. Rankin. (N. Y. State Sta. Bul. 625. 1933.) Geneva.
- Viability of eggs and larvae of the apple maggot (Rhagoletis pomonella Walsh) at 32° F. P. J. Chapman. (N. Y. State Sta. Tech. Bul. 206. 1933.) Geneva.
- Bacteriological studies of a high-temperature, short-time pasteurizer. M. W. Yale. (N. Y. State Sta. Tech. Bul. 207. 1933.) Geneva.
- Notes on the species of apples: I, The American crabapples. G. P. Van Eseltine. (N. Y. State Sta. Tech. Bul. 208. 1933.) Geneva.
- Chromosome numbers in aneuploid apple seedlings. B. R. Nebel. (N. Y. State Sta. Tech. Bul. 209. 1933.) Geneva.
- The value of limestone on Toxaway loam and Porter's loam soils. C. B. Williams, W. H. Rankin, and S. C. Clapp. (N. C. Sta. Bul. 285. 1933.) State College Station, Raleigh.
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- Roadside marketing of agricultural products by Ohio farmers. C. W. Hauck and H. M. Herschler. (Ohio Sta. Bul. 521. 1933.) Wooster.
- Control of Alternaria blight of ginseng with Bordeaux mixture and injuries accompanying its use. H. A. Runnels and J. D. Wilson. (Ohio Sta. Bul. 522. 1933.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 18, [No. 3] (162). 1933.) Wooster.
- A study of certain economic factors in relation to social life among Oklahoma cotton farmers. O. D. Duncan and J. T. Sanders. (Okla. Sta. Bul. 211. 1933.) Stillwater.
- Growth and yield in oak forests of Pennsylvania. A. C. McIntyre. (Pa. Sta. Bul. 283. 1933.) State College.
- Social activities of the families in the Unionville district, Chester County, Pennsylvania. W. V. Dennis. (Pa. Sta. Bul. 286. 1933.) State College.
- Farm mortgage experience of life insurance companies lending in South Dakota. H. A. Steele. (S. Dak. Sta. Circ. 7. 1932.) Brookings.
- Peach harvesting studies. F. M. Coe. (Utah Sta. Bul. 241. 1933.) Logan.
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- Trends in the apple industry. C. C. Hampson. (Wash. Col. Sta. Bul. 277. 1933.) Pullman.
- The production and utilization of corn grown under irrigation in Washington. H. P. Singleton. (Wash. Col. Sta. Bul. 278. 1933.) Pullman.
- The blackberry mite and its control (Eriophyes essigi Hassan). A. J. Hanson. (Wash. Col. Sta. Bul. 279. 1933.) Pullman.
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- Farm family living in Wisconsin. E. L. Kirkpatrick, P. E. McNall, and M. L. Cowles. (Wis. Sta. Res. Bul. 114. 1933.) Madison.
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- Field crops for interior Alaska. F. L. Higgins. (Alaska Sta. Circ. 4. 1933.) College.
- I, Poultry feeding experiments. H. Embleton. II, Moulting and housing experiments. H. B. Hinds. (Ariz. Sta. Bul. 143. 1933.) Tucson.
- The financial rehabilitation of irrigation and drainage districts. G. E. P. Smith. (Ariz. Sta. Bul. 144. 1933.) Tucson.
- Further studies on the overwintering and dissemination of the fire-blight pathogen. H. R. Rosen. (Ark. Sta. Bul. 283. 1933.) Fayetteville.
- Dietary requirements for fertility and lactation: IV, The specific effect of vitamin B on lactation and growth. B. Suré et al. (Ark. Sta. Bul. 284. 1933.) Fayetteville.
- Changes occurring during freezing storage and thawing of fruits and vegetables. M. A. Joslyn and G. L. Marsh. (Calif. Sta. Bul. 551. 1933.) Berkeley.
- Tobacco Substation at Windsor, report for 1932. T. R. Swanback et al. (Conn. State Sta. Bul. 350. 1933.) New Haven.
- Commercial feeding stuffs, report on inspection, 1932. E. M. Bailey. (Conn. State Sta. Bul. 351. 1933.) New Haven.
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- Spraying cantaloupes for the control of downy mildew and other diseases. F. Van Haltern. (Ga. Sta. Bul. 175. 1933.) Experiment.
- Report of the Hawaii Agricultural Experiment Station, 1932. J. M. Westgate et al. 1933. Honolulu.
- Types and varieties of corn for silage, yield of nutrients, composition, feeding value for milk production. W. B. Nevens. (Ill. Sta. Bul. 391. 1933.) Urbana.
- Low-cost diets for emergency use, what foods to buy, how to use them. H. T. Barto, J. Outhouse, and S. Woodruff. (Ill. Sta. Circ. 406. 1933.) Urbana.
- Ford County soils. R. S. Smith et al. (Ill. Sta. Soil Rpt. 54. 1933.) Urbana.
- Bacteriology of butter: V, Studies on the microorganisms in churns. H. C. Olson and B. W. Hammer. (Iowa Sta. Res. Bul. 159. 1933.) Ames.
- The uses of efficiency factors in analysis of farm records. J. A. Hopkins, jr. (Iowa Sta. Res. Bul. 160. 1933.) Ames.
- Lamb feeding experiments with Atlas sorgo. R. F. Cox and W. E. Connell. (Kansas Sta. Bul. 264. 1933.) Manhattan.
- Louisiana farm taxes: Part 2, The general property tax and farm taxes. R. L. Thompson and B. W. Allin. (La. Stas. Bul. 231, pt. 2. 1933.) Baton Rouge.
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- Agricultural land classification and land types of Michigan. J. O. Veatch. (Mich. Sta. Spec. Bul. 231. 1933.) East Lansing.



- The Michigan pear industry, its status and trends. H. P. Gaston. (Mich. Sta. Spec. Bul. 232. 1933.) East Lansing.
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- Soil fertility losses under Missouri conditions. H. Jenny. (Mo. Sta. Bul. 324. 1933.) Columbia.
- Wheat as a cattle feed. E. A. Trowbridge and H. C. Moffett. (Mo. Sta. Bul. 325. 1933.) Columbia.
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- The freezing properties, stability, and physical qualities of chocolate ice cream. W. H. E. Reid and W. E. Painter. (Mo. Sta. Res. Bul. 185. 1933.) Columbia.
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- Soils of Toole and Liberty Counties, soil reconnaissance of Montana, preliminary report. L. F. Giesecker. (Mont. Sta. Bul. 273. 1933.) Bozeman.
- Soils of Glacier County, soil reconnaissance of Montana, preliminary report. L. F. Giesecker. (Mont. Sta. Bul. 274. 1933.) Bozeman.
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- Codling moth control. S. W. Harman. (N. Y. State Sta. Bul. 627. 1933.) Geneva.
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- Sources of market milk and butterfat in Ohio. C. G. McBride and T. K. Cowden. (Ohio Sta. Bul. 523. 1933.) Wooster.
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- Crop yields over nineteen years from Highmore experiment farm. A. N. Hume. (S. Dak. Sta. Bul. 272. 1932.) Brookings.
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- Commercial potato production in West Virginia. K. C. Westover. (W. Va. Sta. Circ. 63. 1933.) Morgantown.
- Strawberries for West Virginia farms. W. H. Childs. (W. Va. Sta. Circ. 64, 1933.) Morgantown.
- Wool inheritance in Hampshire-Rambouillet crossbreds. R. H. Burns. (Wyo. Sta. Bul. 196. 1933.) Laramie.

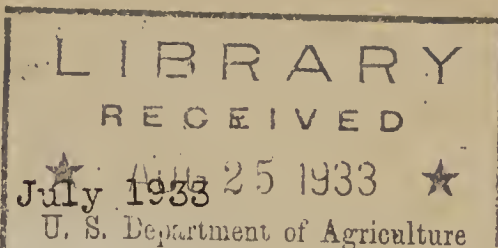




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- Rural social organization in Washington County, Arkansas. T. C. McCormick. (Ark. Sta. Bul. 285. 1933.) Fayetteville.
- Biochemistry and pathology of avitaminosis: I, Hematopoietic function in deficiency diseases. B. Sure et al. (Ark. Sta. Bul. 286. 1933.) Fayetteville.
- Durability of posts, and results of preservative treatment. D. G. Carter, H. T. Barr, and J. B. Woods. (Ark. Sta. Bul. 287. 1933.) Fayetteville.
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- The availability of phosphatic fertilizers. R. P. Bartholomew. (Ark. Sta. Bul. 289. 1933.) Fayetteville.
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- Chemical investigations of the tobacco plant: IV, The effect of the curing process on the organic acids of tobacco leaves. H. B. Vickery and G. W. Pucher. (Conn. State Sta. Bul. 352. 1933.) New Haven.
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- Studies in taxation: Financing education in Delaware. M. M. Daugherty. (Del. Sta. Bul. 182. 1932.) Newark.
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- Work and progress of the agricultural experiment station for the year ending December 31, 1932. E. J. Iddings. (Idaho Sta. Bul. 197. 1933.) Moscow.
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- Local group organization among Illinois farm people. D. E. Lindstrom. (Ill. Sta. Bul. 392. 1933.) Urbana.
- The human factor in the management of Indiana farms. W. W. Wilcox and O. G. Lloyd. (Ind. Sta. Bul. 369. 1932.) La Fayette.
- Marketing Indiana sweet potatoes. F. C. Gaylord and H. M. Cleaver. (Ind. Sta. Bul. 370. 1933.) La Fayette.
- Cattle feeding: Winter steer feeding, 1928-29, 1929-30, 1930-31. J. H. Skinner and F. G. King. (Ind. Sta. Bul. 371. 1933.) La Fayette.
- Grinding grains for dairy cows. J. W. Wilbur. (Ind. Sta. Bul. 372. 1933.) La Fayette.
- The value of grinding grains for young dairy calves. J. H. Hilton, J. W. Wilbur, and T. E. Hienton. (Ind. Sta. Bul. 373. 1933.) La Fayette.



- Cooling cream at the buying station and keeping it cool while in transit to the creamery. V. C. Manhart, B. E. Horrall, and T. E. Hienton. (Ind. Sta. Bul. 374. 1933.) La Fayette.
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- Marginal farm land in southern Indiana. G. E. Young. (Ind. Sta. Bul. 376. 1933.) La Fayette.
- A paper test for the detection of mastitis. B. E. Horrall. (Ind. Sta. Bul. 377. 1933.) La Fayette.
- Labor and power used in crop production in central Indiana. E. C. Young and G. W. Collier. (Ind. Sta. Bul. 378. 1933.) La Fayette.
- Commercial feeding stuffs. H. R. Kraybill et al. (Ind. Sta. Circ. 195. 1933.) La Fayette.
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- The use of cyanamid as a source of nitrogen for sugar cane in Louisiana. A. K. Smith, jr. (La. Stas. Bul. 237. 1933.) Baton Rouge.
- The immunology of infectious laryngotracheitis. C. S. Gibbs. (Mass. Sta. Bul. 295. 1933.) Amherst.
- Spraying and dusting potatoes in Michigan. H. C. Moore and E. J. Wheeler. (Mich. Sta. Spec. Bul. 234. 1933.) East Lansing.
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- Grape growing in Minnesota. W. G. Frierley and W. H. Alderman. (Minn. Sta. Bul. 297. 1933.) University Farm, St. Paul.
- Growth and development, with special reference to domestic animals: XXVIII, Decline of endogenous nitrogen excretion per unit weight with increasing weight in growing rats, and its relation to the decline in basal metabolism; decline in live weight, nitrogen and energy metabolism with the advance of the period of nitrogen starvation and the influence of live weight and of preceding level of protein intake on these declines and on the survival periods. U. S. Ashworth and S. Brody. (Mo. Sta. Res. Bul. 190. 1933.) Columbia.
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- Maintenance of beef cows for calf production. L. Vinke and W. F. Dickson. (Mont. Sta. Bul. 275. 1933.) Bozeman.
- The effect of storage and canning upon the vitamin content of carrots. D. D. Langley, J. E. Richardson, and E. J. Andes. (Mont. Sta. Bul. 276. 1933.) Bozeman.



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- The value of permanent pasture for fattening pigs. E. H. Hostetler and J. E. Foster. (N. C. Sta. Bul. 286. 1933.) State College Station, Raleigh.
- Sanitation as a method of controlling stomach worms in lambs. E. H. Hostetler and J. E. Foster. (N. C. Sta. Bul. 287. 1933.) State College Station, Raleigh.
- A study of North Carolina dairies. R. H. Rogers. (N. C. Sta. Bul. 288. 1933.) State College Station, Raleigh.
- Flaxseed, factors influencing price in North Dakota. H. E. Ratcliffe. (N. Dak. Sta. Bul. 268. 1933.) State College Station, Fargo.
- Flower growing. A. Laurie et al. (Ohio Sta. Bul. 525. 1933.) Wooster.
- The homogenization of milk and cream. F. J. Doan and C. H. Minster. (Pa. Sta. Bul. 287. 1933.) State College.
- A comparison of feeder lambs. T. B. Keith and W. L. Henning. (Pa. Sta. Bul. 288. 1933.) State College.
- Varieties of corn for central Pennsylvania. C. F. Noll and C. J. Irvin. (Pa. Sta. Bul. 289. 1933.) State College.
- The management of filler apple trees. F. N. Fagan. (Pa. Sta. Bul. 290. 1933.) State College.
- Farm prices of cotton related to its grade and staple length in selected local markets in South Carolina, seasons 1930-31 and 1931-32. J. S. Burgess and M. Guin. (S. C. Sta. Bul. 290. 1933.) Clemson College.
- Cottage cheese and cultured buttermilk. B. E. Goodale. (S. C. Sta. Circ. 49. 1933.) Clemson College.
- An investigation of farm real estate values in Anderson County, South Carolina. B. A. Russell. (S. C. Sta. Circ. 50. 1933.) Clemson College.
- Distribution and damage by jointworm flies in Utah. G. F. Knowlton and M. J. Janes. (Utah Sta. Bul. 243. 1933.) Logan.
- A decade and a half of soft-curd milk studies. R. L. Hill. (Utah Sta. Circ. 101. 1933.) Logan.
- Annual summary of publications, July 1, 1932, to June 30, 1933. B. C. Pittman. (Utah Sta. Circ. 102. 1933.) Logan.
- Commercial feeding stuffs. L. S. Walker and E. F. Eoyce. (Vt. Sta. Bul. 351. 1933.) Burlington.
- A study of natural reproduction in Vermont forests: II, The effect of thinning on white pine reproduction. G. P. Burns. (Vt. Sta. Bul. 354. 1933.) Burlington.
- Cash contribution to the family income made by Vermont farm homemakers. L. H. Johnson and M. Muse. (Vt. Sta. Bul. 355. 1933.) Burlington.
- Fixation and penetration of phosphates in Vermont soils. V. L. Weiser. (Vt. Sta. Bul. 356. 1933.) Burlington.
- The feeding value of artificially dried young grass, II. O. M. Camburn. (Vt. Sta. Bul. 359. 1933.) Burlington.

- Costs of marketing Virginia livestock. P. L. Fletcher. (Va. Sta. Bul. 288. 1933. Blacksburg.
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- Field and laboratory studies on frenching of tobacco. G. M. Shear. (Va. Sta. Tech. Bul. 49. 1933.) Blacksburg.
- Truck crop investigations: Rose diseases and insects and their control. H. T. Cook and H. G. Walker. (Va. Truck Sta. Bul. 79. 1933.) Norfolk.
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- Forage crops for central Washington. H. M. Wanser. (Wash./Sta. Bul. 281. 1935.) Pullman.
- Roots for the dairy cow. H. O. Henderson and K. S. Morrow. (W. Va. Sta. Bul. 256. 1933.) Morgantown.
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- Facts for farmers: Annual report of the director, 1931-1932. C. L. Christensen and N. Clark. (Wis. Sta. Bul. 425. 1933.) Madison.
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- Grasses, alfalfa and sweet clover at the Archer Field Station. A. L. Nelson. (Wyo. Sta. Bul. 195. 1933.) Laramie.



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- Soil fertility studies. M. Nelson. (Ark. Sta. Bul. 290. 1933.) Fayetteville.  
Study of rice fertilization. L. C. Kapp. (Ark. Sta. Bul. 291. 1933.) Fayetteville.  
Pruning and training tomatoes in Arkansas. V. M. Watts. (Ark. Sta. Bul. 292. 1933.) Fayetteville.  
The influence of certain supplements on the production, hatchability, fertility and weight of eggs. R. M. Smith. (Ark. Sta. Bul. 293. 1933.) Fayetteville.  
Honey marketing in California. E. C. Voorhies, F. E. Todd, and J. K. Galbraith. (Calif. Sta. Bul. 554. 1933.) Berkeley.  
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Effect of calcium-deficient roughages upon milk production and welfare of dairy cows. R. B. Becker, W. M. Neal, and A. L. Shealy. (Fla. Sta. Bul. 262. 1933.) Gainesville.  
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Jackson County soils. E. A. Norton et al. (Ill. Sta. Soil Rpt. 55. 1933.) Urbana.  
Value of ice in air-cooled storage. C. E. Baker and I. D. Mayer. (Ind. Sta. Bul. 379. 1933.) LaFayette.  
Artificial radiation as a means of forcing greenhouse crops. R. B. Withrow and M. W. Richman. (Ind. Sta. Bul. 380. 1933.) LaFayette.  
The relation of apple spray schedules to the arsenious oxide and lead residues. G. E. Marshall and O. W. Ford. (Ind. Sta. Bul. 381. 1933.) LaFayette.  
A preliminary study of Indiana dairying from the standpoint of marketing. R. D. Canan. (Ind. Sta. Bul. 382. 1933.) LaFayette.



- Effect of the time element in marketing cream for buttermaking on quality. V. C. Manhart. (Ind. Sta. Bul. 383. 1933.) LaFayette.
- A simple and rapid chemical test on plant material as an aid in determining potassium needs. S. F. Thornton. (Ind. Sta. Bul. 384. 1933.) LaFayette.
- The design and construction of masonry water supply tanks. H. Giese and J. B. Davidson. (Iowa Sta. Bul. 302. 1933.) Ames.
- Thermal conductivity and surface treatment of silo walls. H. Giese. (Iowa Sta. Bul. 303. 1933.) Ames.
- What determines the length of life of prepared roll roofings? H. Giese, H. J. Barre, and J. B. Davidson. (Iowa Sta. Bul. 304. 1933.) Ames.
- Effects of inoculation and liming on alfalfa grown on the Grundy silt loam. R. H. Walker and P. E. Brown. (Iowa Sta. Bul. 305. 1933.) Ames.
- Cooperation in agriculture, livestock marketing. P. L. Miller and G. Shepherd. (Iowa Sta. Bul. 306. 1933.) Ames.
- Variations in swine prices within Iowa, including a study in statistical procedures. T. W. Schultz and A. G. Black. (Iowa Sta. Res. Bul. 161. 1933.) Ames.
- Effect of time, depth and method of plowing upon yield and eradication of biennial sweet clovers. F. S. Wilkins and E. V. Collins. (Iowa Sta. Res. Bul. 162. 1933.) Ames.
- Factors affecting experimental error in field plot tests with corn. A. A. Bryan. (Iowa Sta. Res. Bul. 163. 1933.) Ames.
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- A comparison of cottonseed hulls and grass hays for milk production. R. H. Lush et al. (La. Stas. Bul. 238. 1933.) Baton Rouge.
- Prices on farm products in Maine. C. H. Merchant. (Me. Sta. Bul. 364. 1933.) Orono.
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- Relation of community areas to town government in the State of New York. C. R.  
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- Labor requirements for Pennsylvania farms. J. E. McCord and C. E. Cronmeyer.  
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- Mortgage loans on farm real estate in Clark County, South Dakota, 1910-1930, with special reference to Raymond, Garfield and Mt. Pleasant Townships. G. Lundy. (S. Dak. Sta. Circ. 10. 1933.) Brookings.
- Fertilizers and manure for corn. C. A. Mooers. (Tenn. Sta. Bul. 149. 1933.) Knoxville.
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- The human energy cost of certain household tasks. V. W. Swartz. (Wash. Col. Sta. Bul. 282. 1933.) Pullman.
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- The life histories and ecology of jack rabbits, Lepus alleni and Lepus californicus spp., in relation to grazing in Arizona. C. T. Vorhies and W. P. Taylor (Ariz. Sta. Tech. Bul. 49. 1933.) Tucson.
- Genetic relations of red plant color, leaf shape and fiber colors in upland cotton. J. O. Ware. (Ark. Sta. Bul. 294. 1933.) Fayetteville.
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- Bovine infectious abortion: Twelfth report, A study of agglutination reactions in the diagnosis of Bang's abortion disease. G. C. White et al. (Conn. Storrs Sta. Bul. 185. 1933.) Storrs.
- Changes in composition of Florida avocados in relation to maturity. A. L. Stahl. (Fla. Sta. Bul. 253. 1933.) Gainesville.
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- Some effects of severity of pruning on growth and production in Concord grape. A. S. Colby and L. R. Tucker. (Ill. Sta. Bul. 393. 1933.) Urbana.
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- The feeding of mineral supplements to livestock. H. H. Mitchell. (Ill. Sta. Circ. 411. 1933.) Urbana.
- Directions for building the straw-loft poultry house. E. G. Johnson and H. H. Alp. (Ill. Sta. Circ. 412. 1933.) Urbana.
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- Irish potato investigations. J. C. Miller and W. D. Kimbrough. (La. Stas. Bul. 239. 1933.) University Station, Baton Rouge.
- Sugarcane borer effect upon value of seed cane. W. E. Hinds and B. A. Osterberger. (La. Stas. Bul. 240. 1933.) University Station, Baton Rouge.
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- The sources of the food used by Maryland farmers. M. Coffin. (Md. Sta. Bul. 346. 1933.) College Park.

- Oat variety tests. J. E. Metzger. (Md. Sta. Bul. 347. 1933.) College Park.
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- Effect of manufacturing and preserving processes on the vitamins of cranberries. P. D. Isham and C. R. Fellers. (Mass. Sta. Bul. 296. 1933.) Amherst.
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- Meteorological observations for August 1933. C. I. Guinness. (Mass. Sta. Met. Bul. 536. 1933.) Amherst.
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- Farm prices of cotton related to its grade and staple length in selected local markets in Mississippi, seasons 1928-29, 1929-30, and 1930-31. L. D. Howell et al. (Miss. Sta. Tech. Bul. 21. 1933.) State College.
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- Marketing potatoes in New Hampshire. E. H. Rinear and M. F. Abell. (N. H. Sta. Circ. 42. 1933.) Durham.
- Analyses of commercial feeding stuffs and registrations for 1933. C. S. Cathcart. (N. J. Stas. Bul. 554. 1933.) New Brunswick.
- Fire blight of pear and apple. H. E. Thomas and K. G. Parker. (N. Y. Cornell Sta. Bul. 557. 1933.) Ithaca.
- Ventilation of poultry houses for laying and breeding hens. J. C. Huttar, F. L. Fairbanks, and H. E. Botsford. (N. Y. Cornell Sta. Bul. 558. 1933.) Ithaca.
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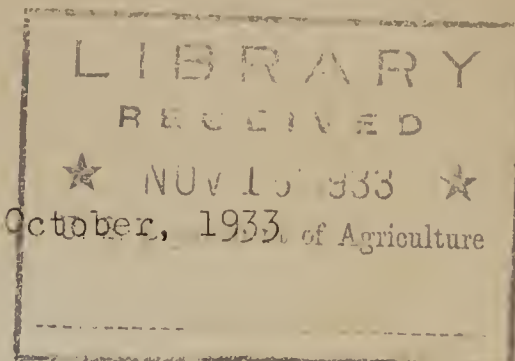


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- The Cornell University dairy herd, 1889 to 1928. H. H. Wing. (N.Y. Cornell Sta. Bul. 576. 1933.) Ithaca.
- Capon and caponizing. R. S. Dearstyne, N. W. Williams, and C. O. Bollinger. (N.C. Sta. Bul. 290. 1933.) State College Station, Raleigh.
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- Dusting versus spraying apple orchards in Ohio. F. H. Ballou and I. P. Lewis. (Ohio Sta. Bul. 527. 1933.) Wooster.
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- Winter cover crop experiments at the Pee Dee Experiment Station. E. E. Hall, W.B. Albert, and S.J. Watson. (S.C. Sta. Circ. 51. 1933.) Clemson College.
- Rammed earth walls for farm buildings. R. L. Patty and L. W. Minium. (S.Dak. Sta. Bul. 277. 1933.) Brookings.
- Methods of feeding and grain rations for fattening lambs. J. W. Wilson, T. Wright, and F. U. Fern. (S.Dak. Sta. Bul. 278. 1933.) Brookings.
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- Feeding for efficient growth and prevention of slipped tendons in chickens. R.M. Sherwood and J. R. Couch. (Tex. Sta. Bul. 476. 1933.) College Station.
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- A study of the organization and management of early potato farms in eastern Virginia. C. W. Crickman, H.T. Wingate, and J.J. Vernon. (Va. Sta. Bul. 289. 1933.) Blacksburg.
- Lead and arsenic spray residue removal from apples. F.L. Overley et al. (Wash. Sta. Bul. 286. 1933.) Pullman.





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- The use of dry skim milk in the manufacture of cultured buttermilk. E. E. Alldredge and A. D. Burke. (Ala. Sta. Bul. 239. 1933.) Auburn.
- Factors influencing the cost of production of eggs and pullets in southern Arizona. H. Embleton and H. C. Morse. (Ariz. Sta. Bul. 145. 1933.) Tucson.
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- An index for rating the agricultural value of soils. R. E. Storie. (Calif. Sta. Bul. 556. 1933.) Berkeley.
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- The epidemiology of fig spoilage. A. E. Davey and R. E. Smith. (Hilgardia [Calif. Sta.], vol. 7, no. 13. 1933.) Berkeley.
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- The relative vigor and productivity of potato plants from basal and apical sets. F. C. Stewart. (N. Y. State Sta. Bul. 633. 1933.) Geneva.
- The spray value of nicotine supplements for arhids. H. C. Hockett. (N. Y. State Sta. Tech. Bul. 210. 1933.) Geneva.
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- Meat on the farm: Part 4, Killing and dressing poultry. O. A. Barton. (N. Dak. Sta. Circ. 50. 1933.) State College Station, Fargo.
- Plowing to control grasshoppers. J. A. Munro. (N. Dak. Sta. Circ. 52. 1933.) State College Station, Fargo.
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- Some rural social agencies in Ohio, a study of trends, 1921-1931. C. E. Lively. (Ohio Sta. Bul. 529. 1933.) Wooster.
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- Maintaining fertility of Grande Ronde Valley soils. W. L. Powers and D. E. Richards. (Oreg. Sta. Bul. 311. 1933.) Corvallis.
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- The efficacy of pigeon pox vaccine in the vaccination of chickens against fowl pox. J. P. Delaplane and H. O. Stuart. (R. I. Sta. Bul. 238. 1933.) Kingston.
- Home refrigeration methods in rural Rhode Island. B. M. Kuschko and M. Whittemore. (R. I. Sta. Bul. 239. 1933.) Kingston.
- A study of consumers' preferences and practices in buying and using eggs. R. B. Corbett. (R. I. Sta. Bul. 240. 1933.) Kingston.
- The results of twenty years complete soil fertility tests, Brookings, S. D. J. G. Hutton. (S. Dak. Sta. Bul. 280. 1933.) Brookings.
- Motor truck transportation in western South Dakota. F. T. Hady. (S. Dak. Sta. Circ. 11. 1933.) Brookings.

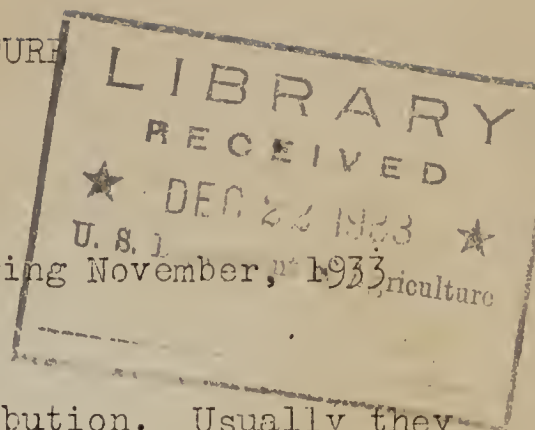
- The storage and seasoning of pecan bud wood. F. R. Brison. (Tex. Sta. Bul. 478. 1933.) College Station.
- Land utilization as a basis of rural economic organization, based on a study of land utilization and related problems in 13 hill towns of Vermont. C. F. Clayton and L. J. Peet. (Vt. Sta. Bul. 357. 1933.) Burlington.
- The carbohydrate content of the maple tree. C. H. Jones and J. L. Bradley. (Vt. Sta. Bul. 358. 1933.) Burlington.
- Commercial fertilizers. L. S. Walker and E. F. Boyce. (Vt. Sta. Bul. 361. 1933.) Burlington.
- Chemical composition of pasture grasses in Vermont. J. A. Newlander, C. H. Jones, and H. B. Ellenberger. (Vt. Sta. Bul. 362. 1933.) Burlington.
- The ice cream industry of Vermont. R. W. Smith, Jr. (Vt. Sta. Bul. 363. 1933.) Burlington.
- A new maple product. R. W. Smith, Jr. (Vt. Sta. Bul. 364. 1933.) Burlington.
- Cattle production on Wyoming's mountain valley ranches. A. F. Voss and H. Pearson (Wyo. Sta. Bul. 197. 1933.) Laramie.



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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS

LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during November, 1933



The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- An analysis of the Fresno milk market. J. M. Tinley. (Calif. Sta. Bul. 559. 1933.) Berkeley.
- Construction and operation of mechanical refrigerators for farms. J. R. Tavernetti. (Calif. Sta. Circ. 329. 1933.) Berkeley.
- Wheat production in Colorado, 1926-1932. D. W. Robertson et al. (Colo. Sta. Bul. 404. 1933.) Fort Collins.
- Dormancy in small-grain seeds. G. W. Deming and D. W. Robertson. (Colo. Sta. Tech. Bul. 5. 1933.) Fort Collins.
- Infectious bovine mastitis: 1, The bromthymol blue test in the diagnosis of mastitis. W. N. Plastridge and E. O. Anderson. (Conn. Storrs Sta. Bul. 184. 1933.) Storrs.
- Studies on yeast-like fungi from gallinaceous birds. E. Jungherr. (Conn. Storrs Sta. Bul. 188. 1933.) Storrs.
- The efficiency of certain proprietary oil emulsions, Volck and Orthol-K, for control of the oriental fruit moth. D. MacCreary. (Del. Sta. Bul. 184. 1933.) Newark.
- The vitamin A content of pimiento pepper. L. Ascham. (Ga. Sta. Bul. 177. 1933.) Experiment.
- Profitable systems of farming for the Idaho Falls area. P. A. Eke and N. W. Johnson. (Idaho Sta. Bul. 198. 1933.) Moscow.
- Feeding lambs on Illinois farms. W. G. Kammlade. (Ill. Sta. Circ. 413. 1933.) Urbana.
- Forty-fourth annual report of the Kentucky Agricultural Experiment Station for the year 1931; Part II (Bulletins 314-325). 1931. Lexington.
- Value of rice by-products as feeds. (La. Sta. Bul. 242. 1933.) University station, Baton Rouge.
- Thirteenth annual report on eradication of pullorum disease in Massachusetts. H. Van Roekel et al. (Mass. Sta. Control Ser. Bul. 68. 1933.) Amherst.
- Meteorological observations for October 1933. C. I. Guinness. (Mass. Sta. Met. Bul. 538. 1933.) Amherst.
- A farm management study of crop production practices. P. G. Minnoman and E. B. Hill. (Mich. Sta. Spec. Bul. 241. 1933.) East Lansing.
- Phosphorus requirement of dairy cattle when alfalfa furnishes the principal source of protein. C. F. Huffman et al. (Mich. Sta. Tech. Bul. 134. 1933.) East Lansing.
- Mulch paper in vegetable production. A. E. Hutchins. (Minn. Sta. Bul. 298. 1933.) University Farm. St. Paul.
- Selection and purchase of feeders and rations for fattening beef cattle. W. H. Peters. (Minn. Sta. Bul. 300. 1933.) University Farm. St. Paul.
- Consumer preferences for egg yolk color and shell color in New York City. F. L. Thomsen and B. Winton. (Mo. Sta. Bul. 329. 1933.) Columbia.

- Are we developing strains of codling moths resistant to arsenic? L. Haseman and R. L. Meffert. (Mo. Sta. Res. Bul. 202. 1933.) Columbia.
- The Missouri farm real estate situation for 1931-1932. C. H. Hammar and R. K. Moore. (Mo. Sta. Res. Bul. 203. 1933.) Columbia.
- Mosquito control in Montana. G. A. Mail. (Mont. Sta. Circ. 143. 1933.) Bozeman.
- Experimental projects, Montana Agricultural Experiment Station (thirty-ninth annual report, July 1, 1931, to June 30, 1932). F. B. Linfield. 1932. Bozeman.
- Local prices of farm products in Nebraska, 1895-1932. H. C. Filley and A. M. Hauke (Nebr. Sta. Bul. 284. 1933.) Lincoln.
- Farm mortgage history of eleven southeastern Nebraska townships, 1870-1932. E. H. Hinman and J. O. Rankin. (Nebr. Sta. Res. Bul. 67. 1933.) Lincoln.
- Retailing milk in Laconia. E. H. Rinear and H. C. Moore. (N. H. Sta. Bul. 272. 1933.) Durham.
- Pollination and fruit setting in the apple. L. P. Latimer. (N.H. Sta. Bul. 274. 1933.) Durham.
- Results of seed tests for 1933. B. G. Sanborn and L. J. Higgins. (N.H. Sta. Bul. 276. 1933.) Durham.
- Inspection of commercial feeding stuffs, 1933. T. O. Smith and H. A. Davis. (N.H. Sta. Bul. 277. 1933.) Durham.
- Studies of contact insecticides: VI, Reactions of certain insects to controlled applications of various concentrated chemicals; a new technique for initial appraisal of proposed contact insecticides. W. C. O'Kane et al. (N.H. Sta. Tech. Bul. 54. 1933.) Durham.
- Fertilizer experiments on strawberries, with a presentation of statistical methods for calculating the significance of plot yields. L. P. Latimer and S.W. Wentworth. (N.H. Sta. Tech. Bul. 55. 1933.) Durham.
- Digest and copy of revised feeding-stuffs law. (N.J. Sta. Circ. 290. 1933.) New Brunswick.
- Buying for the household as practiced by 368 farm families in New York, 1928-29. M. Fish. (N.Y. Cornell Sta. Bul. 561. 1933.) Ithaca.
- A study of the food habits and health of farm families in Tompkins County, New York. N. B. Morey. (N.Y. Cornell Sta. Bul. 563. 1933.) Ithaca.
- Costs and returns in producing apples in the Newfane-Olcott area, Niagara County, New York, 1926 to 1928. T. E. La Mont. (N.Y. Cornell Sta. Bul. 565. 1933.) Ithaca.
- Costs and returns in producing potatoes in New York in 1929. F. L. Underwood. (N.Y. Cornell Sta. Bul. 568. 1933.) Ithaca.
- Nut growing in New York State. L. H. MacDaniels. (N.Y. Cornell Sta. Bul. 573. 1933.) Ithaca.
- A test of floats as fertilizer and a study of the influence of farm manure on their effectiveness. T. L. Lyon. (N.Y. Cornell Sta. Bul. 574. 1933.) Ithaca.
- Frozen fruits for ice cream. J. C. Hening and A. C. Dahlberg. (N.Y. State Sta. Bul. 634. 1933.) Geneva.
- Biological control of the oriental fruit moth. D. M. Daniel, J. Cox, and A. Crawford. (N.Y. State Sta. Bul. 635. 1933.) Geneva.
- Tar distillate emulsions for the control of the rosy aphid and other fruit insects. F.Z. Hartzell and P. J. Parrott. (N.Y. State Sta. Bul. 636. 1933.) Geneva.
- Morphology of the digestive tract of the apple maggot fly, *Rhagoletis pomonella* Walsh. R. W. Dean. (N.Y. State Sta. Tech. Bul. 215. 1933.) Geneva.
- The effect of inoculation on the quality, chemical composition, and bacterial flora of sauerkraut. C. S. Pederson. (N.Y. State Sta. Tech. Bul. 216. 1933.) Geneva.

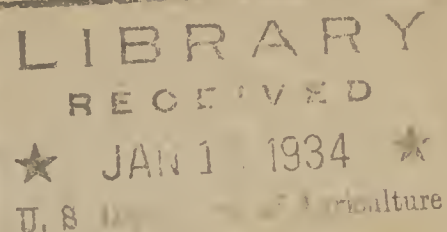


- Hedging grain by farmers' elevators, gains and losses. A. H. Benton. (N.Dak. Sta. Bul. 272. 1933.) State College Station, Fargo.
- Farm reorganization and management in east central North Dakota. H. R. Danielson and R. S. Kifer. (N.Dak. Sta. Bul. 273. 1933.) State College Station, Fargo.
- Ohio agricultural statistics, 1932. A. R. Tuttle, R. E. Straszheim, and P. P. Wallrabenstein. (Ohio Sta. Bul. 530. 1933.) Wooster.
- The Bimontaly Bulletin. (Ohio Sta. Bimo. Bul. 165. Nov.-Dec. 1933.) Wooster.
- Varieties of alfalfa in Pennsylvania. E. E. Musser and C. J. Irvin. (Pa. Sta. Bul. 295. 1933.) State College.
- County government costs in Pennsylvania. F. P. Weaver and H. F. Alderfer. (Pa. Sta. Bul. 297. 1933.) State College.
- The Polyporaceae of Pennsylvania: I, The genus Polyporus. L. O. Overholts. (Pa. Sta. Bul. 298. 1933.) State College.
- Inspection of feeds. W. L. Adams and A. S. Knowles, jr. (R.I. Sta. Ann. Feed Circ. 1933.) Kingston.
- The libraries of South Carolina. M. E. Frayser. (S.C. Sta. Bul. 292. 1933.) Clemson College.
- Oat feed as a substitute for roughage. T. M. Olson. (S.Dak. Sta. Bul. 281. 1933.) Brookings.
- Preliminary report, some factors of success in cattle ranch management, western South Dakota. C. M. Hampson. (S.Dak. Sta. Circ. 13. 1933. Mimeographed.) Brookings.
- Agricultural seed. A. S. Lutman. (Vt. Sta. Bul. 365. 1933.) Burlington.
- The feeding value of pea feed and other pea by-products for dairy cows. J.C. Knott, J. O. Tretsvén, and R. E. Hodgson. (Wash. Sta. Bul. 287. 1933.) Pullman.
- Vitamins every day. H. C. Cameron. (W.Va. Sta. Circ. 66. 1933.) Morgantown.
- Selection and management of the dairy herd sire. G. A. Bowling. (W.Va. Sta. Circ. 67. 1933.) Morgantown.





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UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during December, 1933

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- A Phytophthora rot of watermelon. J. G. Brown and M. M. Evans. (Ariz. Sta. Tech. Bul. 51. 1933.) Tucson.
- History of cooperation in the marketing of California fresh deciduous fruits. E. Kraemer and H.E. Erdman. (Calif. Sta. Bul. 557. 1933.) Berkeley.
- Vitamin-A deficiency as related to reproduction in range cattle. G.H. Hart and H.R. Guilbert. (Calif. Sta. Bul. 560. 1933.) Berkeley.
- Relation of the candling appearance of eggs to their quality. H.J. Almquist. (Calif. Sta. Bul. 561. 1933.) Berkeley.
- The emergence of pear thrips in the Healdsburg area of California in 1932. L.M. Smith. (Calif. Sta. Bul. 562. 1933.) Berkeley.
- The objectives and activities of the California farm bureau. E.D. Tetreau. (Calif. Sta. Bul. 563. 1933.) Berkeley.
- Collar rot of tomatoes. W.A. Kreutzer and L.W. Durrell. (Colo. Sta. Bul. 402. 1933.) Fort Collins.
- The forty-sixth annual report of the Colorado Agricultural Experiment Station for the fiscal year 1932-33. E.P. Sandsten. 1933. Fort Collins.
- Commercial fertilizers, report for 1933. E.M. Bailey. (Conn.[New Haven]Sta. Bul. 355. 1933.) New Haven.
- A study of the colloidal fraction of subsoils from the standpoint of electrodi-  
lizable bases and buffering. P.B. Myers and G.M. Gilligan. (Del. Sta. Bul. 186. 1933.) Newark.
- A year's progress in solving farm problems of Illinois, annual report of the Ill-  
inois Agricultural Experiment Station, forty-sixth report for year ended June  
30, 1933. H.W. Mumford. 1933. Urbana.
- Marketing Kentucky livestock by motor truck. C.D. Phillips. (Ky. Sta. Bul. 344. 1933.) Lexington.
- Rice and rice by-products as feeds for laying hens. C.W. Upp. (La. Sta. Bul. 243. 1933.) University Station, Baton Rouge.
- Beef cattle production in Louisiana. C.I. Bray. (La. Sta. Bul. 244. 1933.)  
University Station, Baton Rouge.
- The effect of handling methods on quality of Maine potatoes. W.E. Schrupf.  
(Maine Sta. Bul. 365. 1933.) Orono.
- Farm-property taxation in Maine. C.H. Merchant and M.S. Parsons. (Maine Sta. Bul. 366. 1933.) Orono.
- An economic study of the production and utilization of milk in Maine. G.F. Dow.  
(Maine Sta. Bul. 367. 1933.) Orono.

- Commercial feeding stuffs, 1932-33. J.M. Bartlett. (Maine Sta. Off. Insp. 148. 1933.) Orono.
- An industrial alcohol by-product stock food. L.B. Broughton, P.W. Frey and B.E. Carmichael. (Md. Sta. Bul. 349. 1933.) College Park.
- Studies relative to the hydrolysis of the fat of home-cured hams. W.C. Supplee and L.B. Broughton. (Md. Sta. Bul. 350. 1933.) College Park.
- The soils of Maryland, productivity classification. O.C. Bruce and J.E. Metzger. (Md. Sta. Bul. 351. 1933.) College Park.
- Farm tenancy and leasing systems in Maryland. W.P. Walker and S.H. DeVault. (Md. Sta. Bul. 352. 1933.) College Park.
- Shipping Massachusetts apples to out-of-state markets. A.H. Lindsey and A.A. Brown. (Mass. Sta. Bul. 299. 1933.) Amherst.
- Chemical composition of herbage from Massachusetts pastures. J.G. Archibald and E. Bennett. (Mass. Sta. Bul. 300. 1933.) Amherst.
- Meteorological observations for September, 1933. C.I. Gunness. (Mass. Sta. Met. Bul. 537. 1933.) Amherst.
- Insect pests of stone fruits in Michigan. R. Hutson. (Mich. Sta. Spec. Bul. 244. 1933.) East Lansing.
- Comparison of systems of pruning grapes. F.W. Faurot. (Mo. Fruit Sta. Bul. 26. 1933.) Mountain Grove.
- A study of five commercial electric stoves. A.E. Baragar and E.B. Snyder. (Nebr. Sta. Res. Bul. 68. 1933.) Lincoln.
- Analyses of materials sold as insecticides and fungicides during 1933. C.S. Cathcart and R.L. Willis. (N.J. Sta. Bul. 556. 1933.) New Brunswick.
- Analyses of commercial fertilizers, fertilizer supplies, and home mixtures for 1933. C.S. Cathcart. (N.J. Sta. Bul. 557. 1933.) New Brunswick.
- Poultry breeder selection. W.C. Thompson. (N.J. Sta. Hints to Poultrymen, vol. 21, No. 1. 1933. Includes vol. 20, No. 10, 11, 12.) New Brunswick.
- Studies in plant propagation: The influence of chemicals, of the medium, and of the position of the basal cut, on the rooting of evergreen and deciduous cuttings. L.C. Chadwick. (N.Y. Cornell Sta. Bul. 571. 1933.) Ithaca.
- Fifty-fifth annual report of the North Carolina Agricultural Experiment Station for the fiscal year ending June 30, 1932, progress report for year ending December 1, 1932. R.Y. Winters et al. 1933. State College Station, Raleigh.
- Meat on the farm: Part 3, Lamb, slaughtering, cutting and curing. P.F. Trowbridge and A. Severson. (N. Dak. Sta. Circ. 49. 1933.) State College Station, Fargo.
- Dairying at the Ohio Agricultural Experiment Station, No. III, August 1930 to August 1933. (Ohio Sta. Spec. Circ. 43. 1933.) Wooster.
- Cost of keeping dairy herd sires and suggestions on their selection and management. H.E. Selby and I.R. Jones. (Oreg. Sta. Bul. 312. 1933.) Corvallis.
- Pullorum disease (contagious white diarrhea) of poultry. W.T. Johnson and E.M. Dickinson. (Oreg. Sta. Bul. 313. 1933.) Corvallis.
- Coccidiosis of the chicken. W.T. Johnson. (Oreg. Sta. Bul. 314. 1933.) Corvallis.
- Biochemical investigations of certain winter pears. J.C. Moore. (Oreg. Sta. Bul. 316. 1933.) Corvallis.



- The removal of lead and arsenic spray residues from apples and pears. R.H. Robinson and M.B. Hatch. (Oreg. Sta. Bul. 317. 1933.) Corvallis.
- Crinkle disease of strawberry. S.M. Zeller. (Oreg. Sta. Bul. 319. 1933.) Corvallis.
- Electrically heated dairy utensil sterilizers. J.E. Nicholas, J.A. Sperry and L.F. Tomey. (Pa. Sta. Bul. 296. 1933.) State College.
- Mortgage loans on farm real estate in Turner County, South Dakota, 1910-1930, with special reference to Middleton, Hurley and Norway Townships. G. Lundy. (S. Dak. Sta. Circ. 12. 1933.) Brookings.
- Better rations, more eggs, greater profits. W.C. Tully. (S. Dak. Sta. Circ. 14. 1933.) Brookings.
- The common sheep-scab mite and its control. O.G. Babcock and W.L. Black. (Tex. Sta. Bul. 479. 1933.) College Station.
- Poisoning of cattle by species of groundsel (Senecio longilobus Benth., and Senecio riddellii Torr. & Gray). F.P. Mathews. (Tex. Sta. Bul. 481. 1933.) College Station.
- Soils of Henderson, Hidalgo, Milam, Nacogdoches, Navarro, Wichita, Willacy, and Victoria Counties. G.S. Fraps. (Tex. Sta. Bul. 482. 1933.) College Station.
- Varieties of rice for Texas. R.H. Wyche and H.M. Beachell. (Tex. Sta. Bul. 485. 1933.) College Station.
- Economic factors affecting poultry production and marketing in Utah, 1929, 1930, and 1931. W.P. Thomas and M. Clawson. (Utah Sta. Bul. 244. 1933.) Logan.
- Commercial feeding stuffs. L.S. Walker and E.F. Boyce. (Vt. Sta. Bul. 366. 1933.) Burlington.
- Virginia County conditions and trends of social significance. W.E. Garnett and A.C. Seymour. (Va. Sta. Bul. 291. 1933.) Blacksburg.
- A study of the sooty blotch disease of apples and the causal fungus Gloeodes pomigena. A.B. Groves. (Va. Sta. Tech. Bul. 50. 1933.) Blacksburg.
- The development of rust-resistant beans by hybridization. S.A. Wingard. (Va. Sta. Tech. Bul. 51. 1933.) Blacksburg.
- Farm systems in northwest Wisconsin. D.R. Mitchell and P.E. McNall. (Wis. Sta. Bul. 426. 1933.) Madison.
- Stripe resistance and yield of smooth-awned barley hybrids. R.G. Shands et al. (Wis. Sta. Res. Bul. 116. 1933.) Madison.
- Trends in town-country relations. J.H. Kolb and R.A. Polson. (Wis. Sta. Res. Bul. 117. 1933.) Madison.
- "Seedy cut" as affecting bacon production. L.J. Cole, J.S. Park and A. Deakin. (Wis. Sta. Res. Bul. 118. 1933.) Madison.
- Factors influencing the palatability of hay. H.S. Willard. (Wyo. Sta. Bul. 199. 1933.) Laramie.

